

## UNIVERSAL CLOSED CAPTION PORTABLE RECEIVER

### Abstract of the Disclosure

Methods and apparatus for portable and universal receipt of closed captioning services by a user are provided in accordance with the invention. The invention permits a user to receive closed captioning services wherever he or she may be viewing video content with an audio component in accordance with a video/audio content display system (e.g., television set, computer monitor, movie theater), regardless of whether the content display system provides closed captioning capabilities. Also, the invention permits a user to receive closed captioning services independent of the video/audio content display system that they are using to view the video content. In one illustrative aspect of the present invention, a portable and universal closed caption receiving device (closed caption receiver) is provided for: (i) receiving a signal, which includes closed captions, from a closed caption provider while the user watches a program on a video/audio content display system; (ii) extracting the closed captions; and (iii) providing the closed captions to a head mounted display for presentation to the user so that the user may view the program and, at the same time, view the closed captions in synchronization with the video content of the program.

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